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(71) Applicant (for all designated States except US): **TELEFONAKTIEBOLAGET LM ERICSSON** (publ)  
[SE/SE]; SE-126 25 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LARSSON, Peter**  
[SE/SE]; Ballonggatan 2 1tr, SE-169 71 Solna (SE). **JOHANSSON, Niklas** [SE/SE]; Töjnavägen 27A, SE-191 34 Sollentuna (SE).

(74) Agents: **STENBORG, Anders** et al.; Aros Patent AB, P.O.  
Box 1544, SE-751 45 Uppsala (SE).

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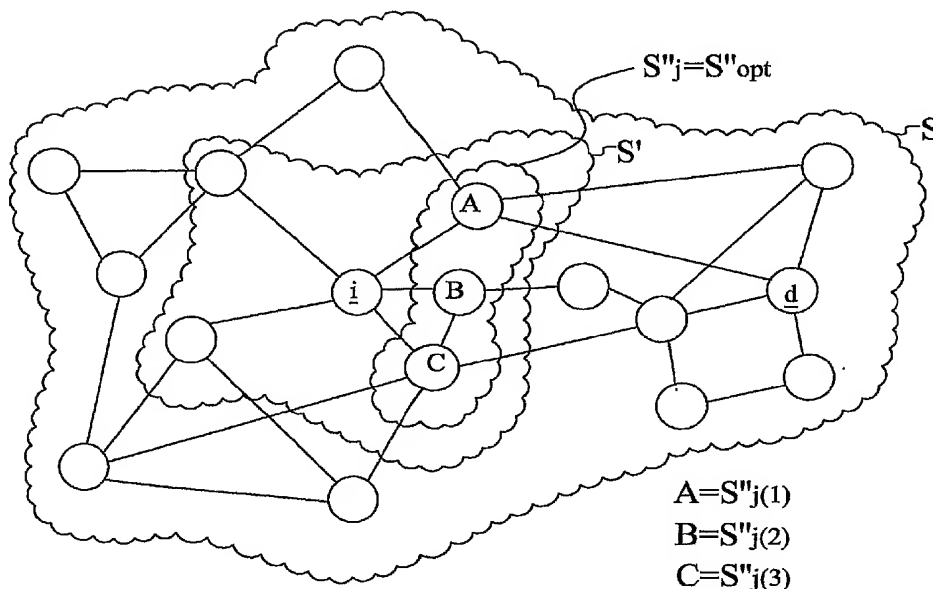
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(54) Title: COST DETERMINATION IN A MULTIHOP NETWORK



(57) Abstract: In a multihop communications network a cost determination method includes determining a plurality of simultaneously potential or favorable next hop nodes for at least one of the nodes between a source and a destination node pair, whereby a mesh-like path comprising a plurality of simultaneously potential routes or paths is defined between the source and destination node. This mesh-like structure is typically determined in a distributed manner and results from a cost optimization process. The cost optimization should preferably consider stochastic variations that for example are caused by the wireless medium.

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